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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

|                        | Approved for use infough 11/30/2007. |  |  |  |  |
|------------------------|--------------------------------------|--|--|--|--|
| Application Number     | 10/576,496                           |  |  |  |  |
| Confirmation Number    | 4656                                 |  |  |  |  |
| Filing Date            | April 20, 2006                       |  |  |  |  |
| First Named Inventor   | Toshihisa KOMORI                     |  |  |  |  |
| Art Unit               | <del>1014</del> 1636                 |  |  |  |  |
| Examiner Name          | Gteven Post J. Dunston               |  |  |  |  |
| Attorney Docket Number | Q94468                               |  |  |  |  |

| U.S. PATENTS          |         |               |                        |            |  |   |  |
|-----------------------|---------|---------------|------------------------|------------|--|---|--|
| Examiner<br>Initials* | Cite No | Patent Number | Kind Code <sup>1</sup> | Issue Date | Name of Patentee or<br>Applicant of cited Document | Pages, Columns, Lines,<br>Where Relevant Passages or<br>Relevant Figures Appear |  |
|                       | 1       |               |                        |            |  |   |  |

|                       | U.S. PATENT APPLICATION PUBLICATIONS |                    |                        |                  |  |   |  |  |  |  |
|-----------------------|--------------------------------------|--------------------|------------------------|------------------|--|---|--|--|--|--|
| Examiner<br>Initials* | Cite No                              | Publication Number | Kind Code <sup>1</sup> | Publication Date | Name of Patentee or<br>Applicant of cited Document | Pages, Columns, Lines,<br>Where Relevant Passages or<br>Relevant Figures Appear |  |  |  |  |
|                       | 1                                    |                    |                        |                  |  |   |  |  |  |  |

|                       | FOREIGN PATENT DOCUMENTS |  |                              |               |                     |   |  |                |
|-----------------------|--------------------------|--|------------------------------|---------------|---------------------|---|--|----------------|
| Examiner<br>Initials* | Cite No                  | Foreign<br>Document<br>Number <sup>3</sup> | Country<br>Code <sup>2</sup> | Kind<br>Code⁴ | Publication<br>Date | Name of Patentee or<br>Applicant of cited<br>Document | Pages, Columns,<br>Lines, Where Relevant<br>Passages or Relevant<br>Figures Appear | Т <sup>5</sup> |
|                       | 1                        | 02/083874                                  | wo                           | A2            | 2002-10-24          | The Johns Hopkins<br>University                       |  | N              |

| NON-PATENT LITERATURE DOCUMENTS |  |  |   |  |  |  |
|---------------------------------|--|--|---|--|--|--|
| Examiner<br>Initials*           | Cite No Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. |  |   |  |  |  |
|                                 | 1  | KENI GU, et al., "Identification of Potential Modifiers of Runx2/Cbfa1 Activity in C2C12 Cells in Response to Bone Morphogenetic Protein-7", Cells Tissues Organs 2004:176:28-40   | N |  |  |  |
|                                 | 2  | TOSHIHISA KOMORI, "Runx2, A Multifunctional Transcription Factor in Skeletal Development", Journal of Cellular Biochemistry 87:1-8 (2002)  | N |  |  |  |
|                                 | 3  | SHUYING YANG, et al., "In Vitro and In Vivo Synergistic Interactions Between the Runx2/Cbfa1 Transcription Factor and Bone Morphogenetic Protein-2 in Stimulating Osteoblast Differentiation", Journal of Bone and Mineral Research, Vol. 18, No. 4, pp. 705-715, 2003 | N |  |  |  |
|                                 | 4  | MICHAEL STOCK, et al., "Identification of Novel Target Genes of the Bone-Specific Transcription Factor Runx2", Journal of Bone and Mineral Research, Vol. 19, No. 6, pp. 959-972, June 2004  | N |  |  |  |

|                       | EXAMINER SIGNATURE              |                    |  |  |  |  |  |  |
|-----------------------|---------------------------------|--------------------|--|--|--|--|--|--|
| Examiner<br>Signature | /Jennifer Dunston/ (02/09/2009) | Date<br>Considered |  |  |  |  |  |  |

## ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /JD/

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. 2 Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). 3 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 4 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 5 Applicant is to place a check mark here if English language translation is attached.